FIG. 3

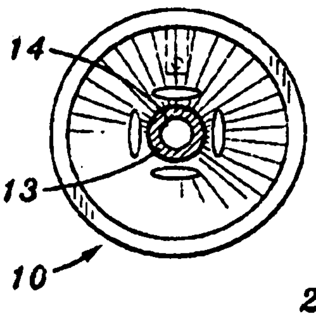


FIG. 2

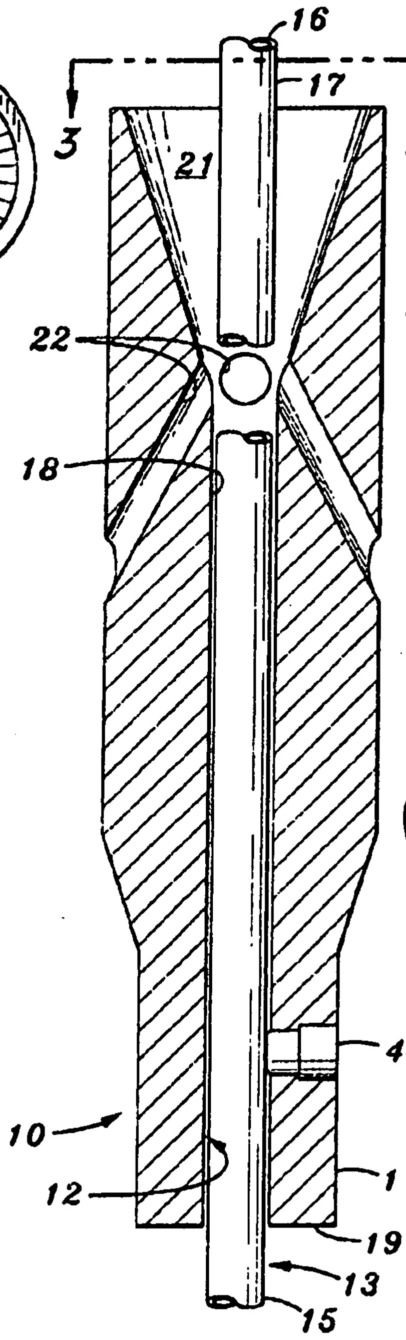
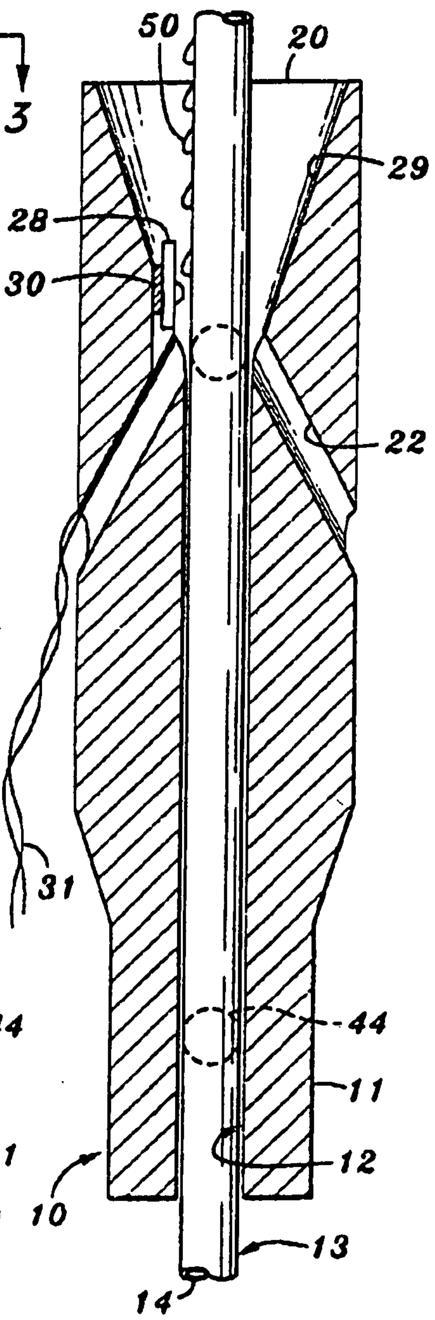


FIG. 1



09788274 .021601

FIG. 4

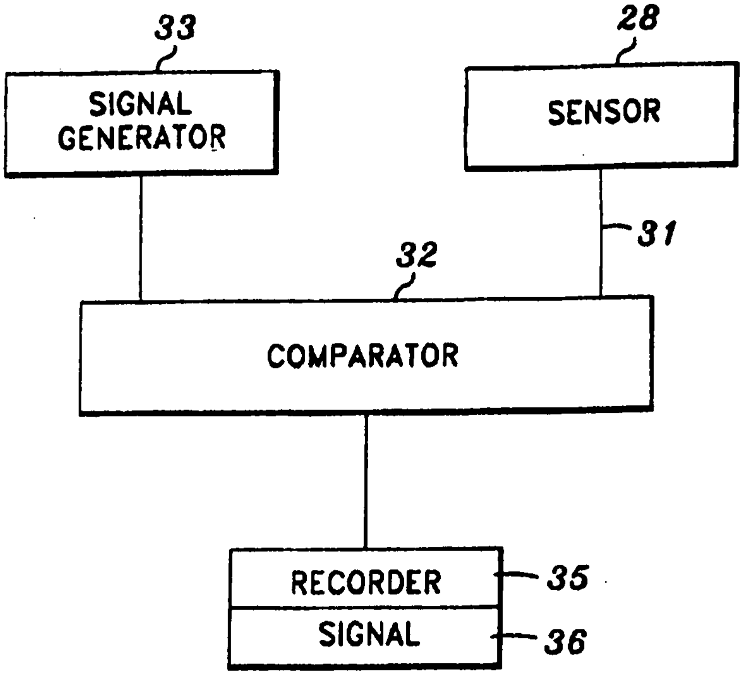
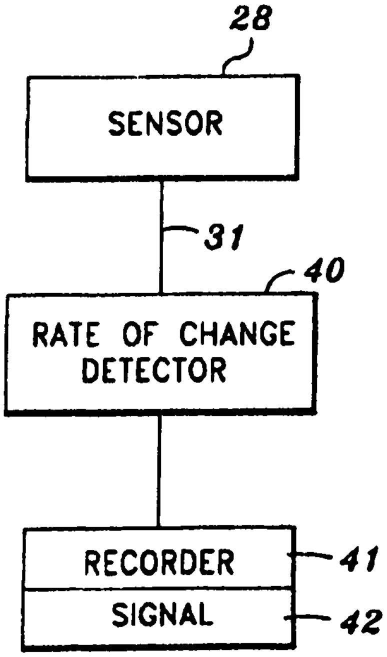

33
SIGNAL GENERATOR
28
SENSOR
31
32
COMPARATOR
RECORDER
35
SIGNAL
36

FIG. 5


28
SENSOR
31
40
RATE OF CHANGE DETECTOR
RECORDER
41
SIGNAL
42